



8/145

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Weifang Luo et al.
Serial No. : 09/657,042
Filed : September 7, 2000
Title : BATTERY CATHODE

Art Unit : 1745
Examiner : Stephen J. Kalafut

BOX AF
Commissioner for Patents
Washington, D.C. 20231

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RESPONSE

In response to the action mailed October 9, 2002, please amend the application as follows:

In the claims:

Please amend claims 1, 31, and 35 to recite as follows:

1. (Twice Amended) A primary alkaline battery, comprising:
a cathode comprising a cathode active material, a binder, and carbon fibers;
an anode;
a separator; and
an alkaline electrolyte,
wherein the cathode comprises less than about 5% of carbon fibers by weight.

31. (Twice Amended) A primary alkaline battery, comprising:
a cathode comprising manganese dioxide, a binder, and a heat-treated carbon fiber having
a diameter less than about 250 nanometers;
an anode;
a separator; and

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